

538,924

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 July 2004 (01.07.2004)

PCT

(10) International Publication Number
WO 2004/054523 A1

- (51) International Patent Classification⁷: **A61K 7/02** (74) Agent: L'OREAL; Denis Boulard - D.I.P.I., 25-29, quai Aulagnier, F-92600 Asnieres (FR).
- (21) International Application Number: PCT/EP2003/015006 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 8 December 2003 (08.12.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
02/16040 17 December 2002 (17.12.2002) FR
60/438,782 9 January 2003 (09.01.2003) US
- (84) Designated States (*regional*): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): TOURNILHAC, Florence [FR/FR]; 55, rue de Charonne, F-75011 Paris (FR). BLIN, Xavier [FR/FR]; 24, rue de Staël, F-75015 Paris (FR).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CARE AND/OR MAKE-UP COSMETIC COMPOSITION STRUCTURED WITH SILICONE POLYMERS

(57) Abstract: Care and/or make-up cosmetic composition comprising: a liquid continuous fatty Phase structured with at least one structuring polymer (homopolymer or copolymer) having a weight-average molecular mass ranging from 500 to 500 000, containing at least one moiety comprising: - at least one polyorganosiloxane group consisting of 1 to 1 000 organosiloxane units in the chain of the moiety or in the form of a graft, and - at least two groups capable of establishing hydrogen interactions, Chosen from ester, amide, sulphonamide, carbamate, thiocarbamate, urea, urethane, thiourea, oxamido, guanidino and biguanidino groups, and combinations thereof, - the polymer being solid at room temperature and soluble in the liquid fatty Phase at a temperature of 25 to 250°C, the Said liquid fatty Phase comprising at least one compound capable of reducing the enthalpy of fusion of the structuring polymer, and then the liquid fatty Phase, the structuring polymer and the compound capable of reducing the enthalpy of fusion of the structuring polymer forming a physiologically acceptable medium.

WO 2004/054523 A1